

27. The method of claim 21 wherein the location of the recognition site on the polypeptide is determined by evaluating the intramolecular stability of the putative phosphate group in the polypeptide.

28. The method of claim 27 wherein the polypeptide is evaluated using a computer generated model of the molecule.

29. The method of claim 21 wherein the polypeptide is phosphorylated using a radio-labeled phosphorus isotope.

30. A stable phosphorylated polypeptide prepared according to the method of claim 21.

31. The polypeptide of claim 28 wherein the polypeptide is an antibody, preferably a monoclonal antibody.

32. The polypeptide of claim 28 which is selected from the group consisting of hormones, cytokines, lymphokines, and growth factors.

REMARKS

The above-identified application is being amended prior to examination to correct typographical errors in the designation of the provisional priority applications, and to include claims directed to additional subject matter which is fully described in and supported by the specification.

Early and favorable action on this application is respectfully requested.

Respectfully submitted,

Dated: 6/25/01

William G. Gosz
William G. Gosz
Registration No.: 27,787
Ropes & Gray
One International Place
Boston, MA 02110-2624
(617) 951-7000

AMENDED SPECIFICATION

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is based, at least in part, on Provisional Application No. 60/208, 240, filed May 31, 2000, and Provisional Application No. 60/255,296, filed December 13, 2000, the respective disclosures of which are incorporated by reference herein.